

August 5th, 2010

ECOWATER SYSTEMS LLC
MARGARET BICKING
1890 WOODLANE DR
WOODBURY MN 55125

Re: Description: WATER TREATMENT DEVICE- OXIDIZING
Manufacturer: ECOWATER SYSTEMS LLC
Product Name: ECOWATER (POE)
Model Number(s): ETF AIIF10 (POE)
Product File No: 20100291

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of August 2015.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturer's published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 267-9787.
- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.

Based on testing data submitted to and reviewed by the department, this approval recognizes that this plumbing product will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20100291
TABLE 1 OF 1

Flow Rates: 18.9 liters per minute (lpm) [5 gallons per minute (gpm)]

Regeneration frequency: 1,514 liters (l) [400 gallons (gals.)]

Tested Contaminant	Average Influent Challenge (mg/l) ¹
Total Iron	11.4

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 1 were verified by testing conducted via field study at a private residence in Seymour, WI. To qualify for total iron reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.3 mg/l (i.e. USEPA SMCL for iron). The average effluent concentration was 0.12 mg/l.

¹ = milligrams per liter (mg/l) are equivalent to parts per million (ppm)
 \pm = plus or minus

\leq = less than or equal to

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
Department of Commerce
(608) 267-1401 **Phone**
(608) 267-9566 **Fax**
glen.schlueter@wi.gov **Email**
8:00AM – 4:30PM CDT **Work Hours**

GWS:gws